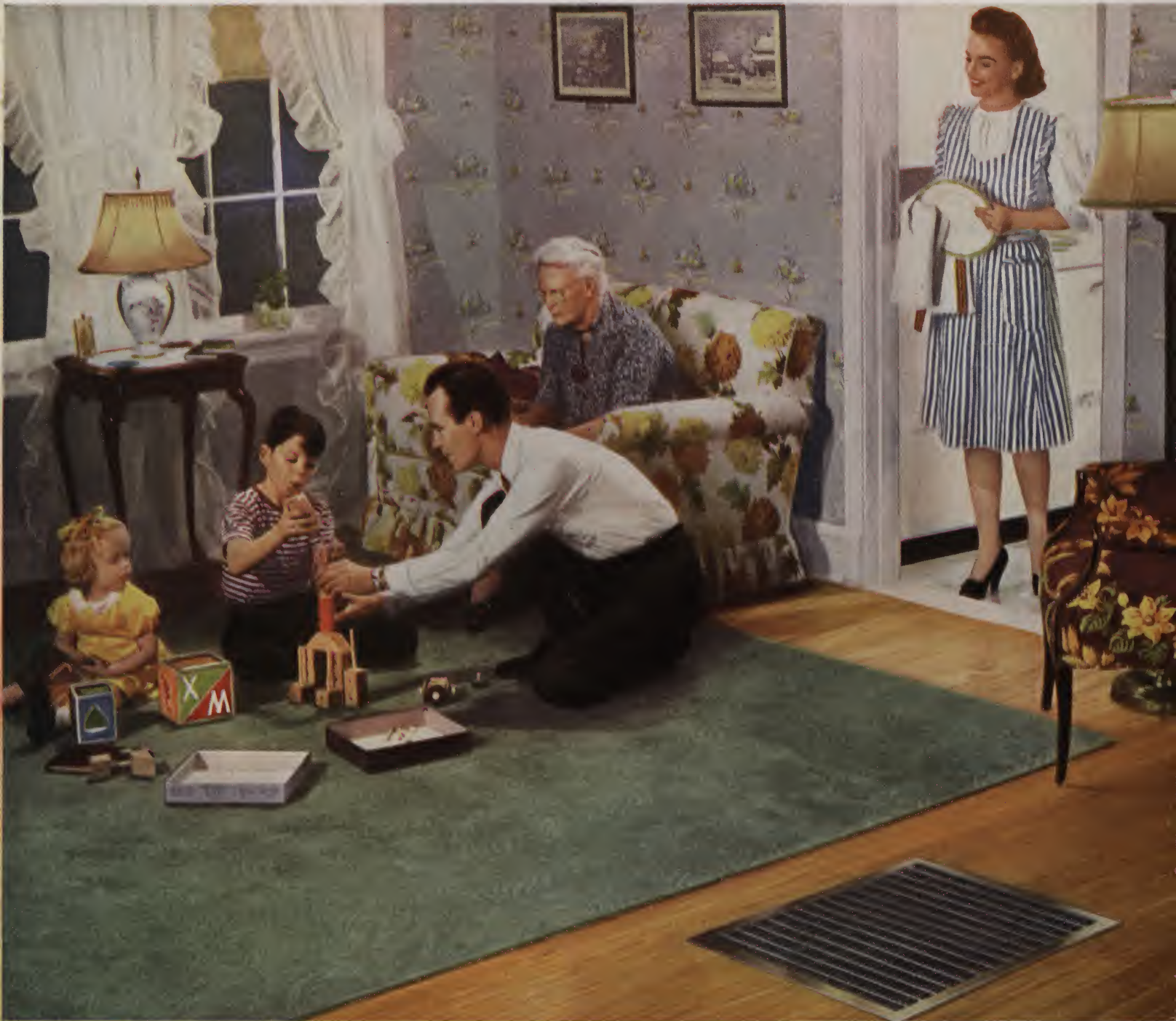


The **AUTOMATIC OIL HEATING** That Will Bring Homes Everywhere **Warm Floor Comfort**

Catalog No. 4



AUTOMATIC OIL

Coleman

FLOOR FURNACE

Now Homes Anywhere Can Enjoy Clean, Modern, Automatic Heat With This **OIL FLOOR FURNACE**



Note that furnace is set in the floor with only the register at floor level.

Designed For Homes With Or Without Basements — Easily Installed.

The Coleman Oil Floor Furnace is a new type of modern home heating plant. It is rapidly growing in popularity and demand all over the United States. Its unusually fine heating performance has already been proved in thousands of homes.

The Coleman Floor Furnace is a compact heating unit. It comes in one package, complete, ready to install. It is set beneath the floor with only the register at floor level. It is easily and quickly installed. In the picture above, the phantom view of the floor shows how the furnace looks when it is installed.

After the furnace is properly placed in the home, connections made to the fuel tank, and vent connection made with the chimney, the furnace is then

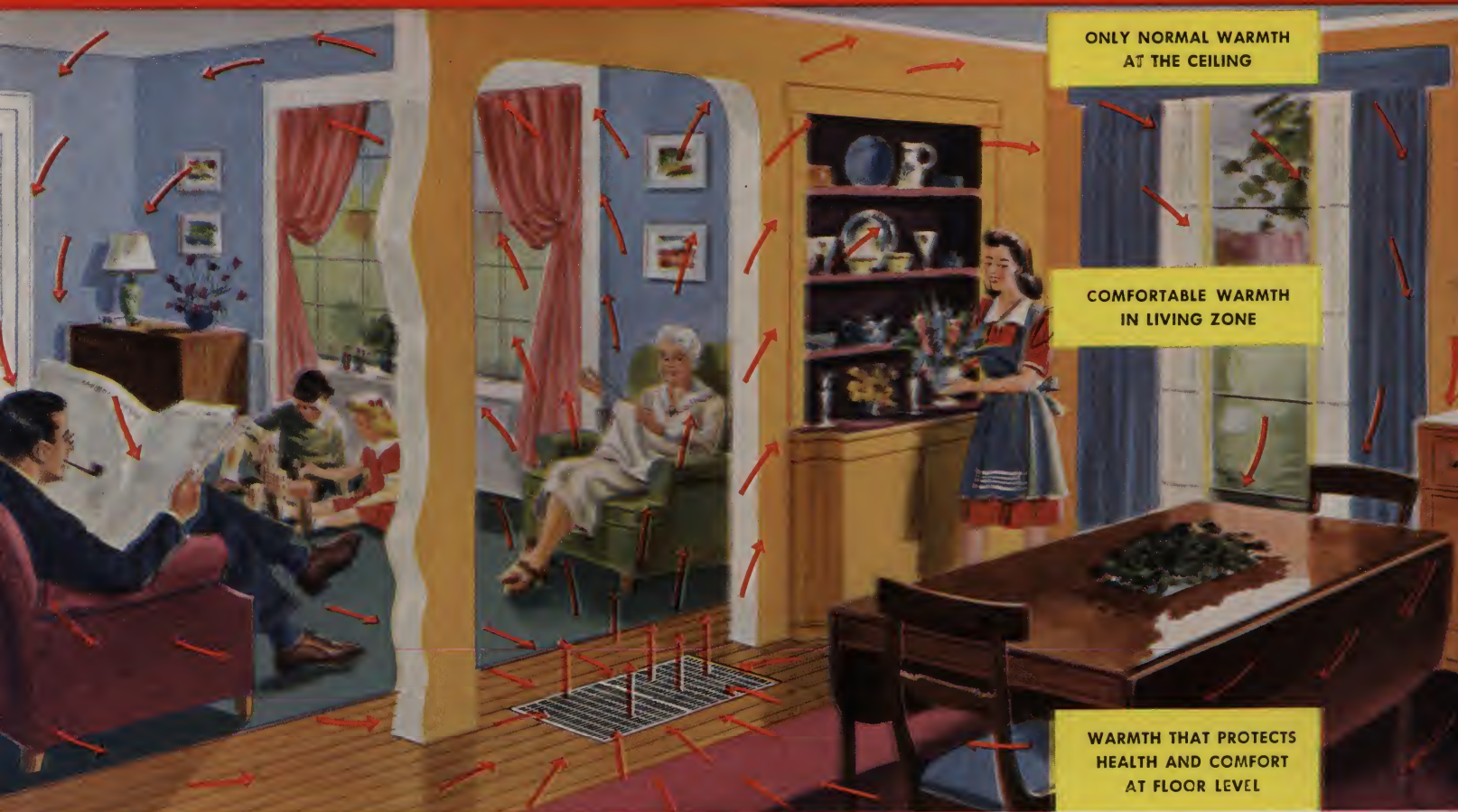
ready for use. It's ready to flood your home with clean, work-free, circulating warmth that brings new comfort to the whole family. It is simple and easy to operate—and it is completely automatic in operation when equipped with thermostat temperature control.

One or more Coleman Furnaces may be used depending upon the size of the home and the amount of space to be heated. Each furnace operates independently. This makes it possible to have varying degrees of warmth for different needs or to suit different members of the family.

The Coleman Oil Floor Furnace uses advanced heat engineering principles. It has new and exclusive features not found in any similar type furnace.

Coleman's "MOVE-THE-HEAT" Features

Put The Heat Where You Need It For Warm Floors Comfort — For Health



It Circulates Heat All Over — Gives More Uniform Comfort

It "Moves the Heat"—that's the big feature about the Coleman Floor Furnace. It puts the heat into action. Heat is not allowed to pack at the ceiling but is quickly and actively spread throughout the rooms. You get more use of the heat produced.

Air is pulled off the floor into the furnace where it is thoroughly heated and sterilized. As the air is heated, it expands. The force of the expanding warm air and the streamlined design of the furnace speeds up the air flow and quickly circulates the warm air throughout the rooms.

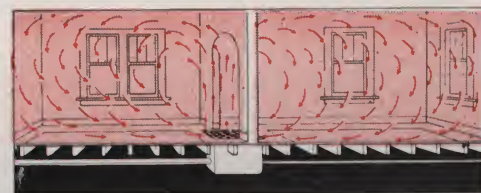
Freshly warmed air is circulated throughout your rooms three to five times an hour. This breaks up stagnant, dead air pockets, prevents cold corners, and cold floors.

With ordinary, old fashioned units, there is no real heat movement. Heat floats lazily to the ceiling. There it stays and you have an overheated ceiling, a chilly living area, cold floors and high fuel bills.

The picture at the top of this page shows how the Coleman moves the heat into several rooms and out to far walls; gives uniform comfort from floor to ceiling; insures constant "Warm Floors" comfort.



This diagram shows how, with ordinary old style heating methods, the heat lazily floats to ceiling. The result: hot ceiling, a chilly living zone, cold floors.



This diagram shows how the Coleman Furnace moves the heat from ceiling to floor for better heating comfort. The result: only normal warm ceiling, warm living zone, warm floors.

HERE'S WHAT WARM FLOORS MEAN--

A Better Heated Home—Better Health And Lower Fuel Bills



"WARM FLOORS" MEAN
LESS FUEL USED TO GET
COMPLETE COMFORT!

"WARM FLOORS" MEAN
WARM FEET AND ANKLES
FOR YOU!

"WARM FLOORS" MAY MEAN
FEWER COLDS FOR THE
CHILDREN... LESS NURSING
TOIL FOR MOTHER!

You Get All These Advantages With A Coleman

Coleman "Warm Floors" comfort is important news to everyone who has suffered from the discomfort of cold floors. "Warm Floors" means a new high in heating comfort. It's PROOF of good heating.

The "Move-the-Heat" action of the Coleman Floor Furnace means more comfort in your home; a more even distribution of warmth from floor to ceiling; and in all the rooms being heated. You have a BETTER HEATED HOME.

"Warm Floors" mean better health for the whole family, especially the children. Chilly drafts along the floor cause many winter ills. Coleman's "Warm Floors" help you cut down one cause of winter ills.

Lower fuel bills are another welcome feature of Coleman's "Warm Floors" comfort. When floors are cold, you naturally turn up the heat in an effort to get warm. If the heating plant doesn't MOVE the heat, you get stifling, inactive heat from the ceiling down to head height. The warmth is not circulated down to the floor. The result is a chilly living zone, cold floors, wasted fuel.

With Coleman's active movement of the heat, warmth is spread all over. The heat does not pack against the ceiling—you get more and better use of the heat produced. You get the heat you need where you need it with lower fuel bills.

Why Thousands Say The Coleman Oil Floor Furnace Is "TAKE-IT-EASY" HEATING



NO FIRE-TENDING! The Coleman Floor Furnace burns oil—a clean, modern fuel. The oil is kept in an outside fuel tank. There's no dirty fuel to handle. No ashes to carry out. No fires to build. Light the furnace in the fall; regulate the warmth you want with just a touch of the thermostat. Your Coleman needs no attention from fall to spring.



EASIER HOUSEKEEPING! No fuel dirt is brought into your house. There are no ashes to track over floors and rugs. No fuel dust and dirt to get into curtains and clothes. There's less mopping, less dusting, less cleaning and laundry. It saves the housewife extra hours of hard work—makes it possible for her to "take it easier," too!



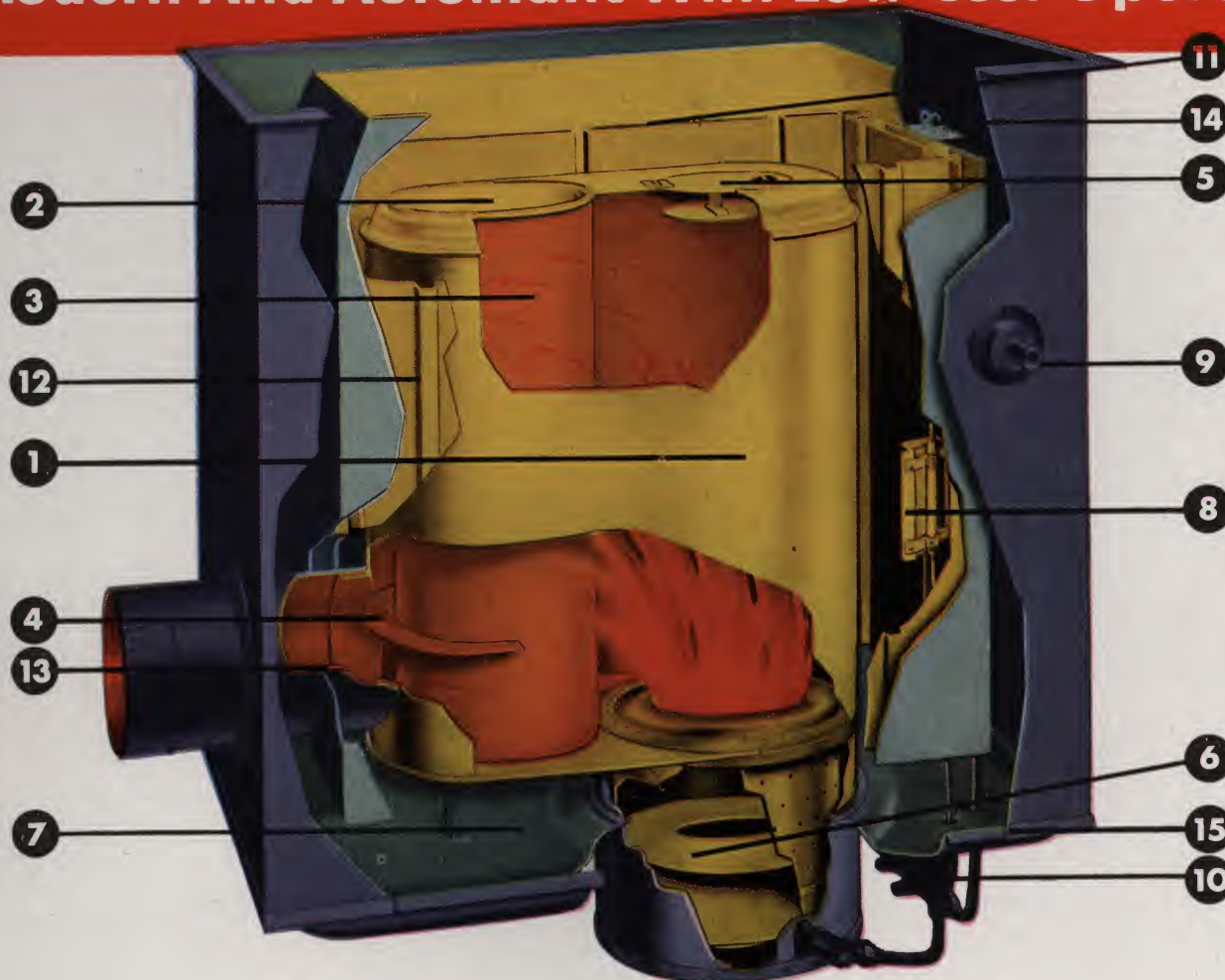
A CLEANER HOME! Any woman knows that a cleaner heating plant actually helps keep the home cleaner and nicer and saves work in keeping up the home. No ashes or grime to soil furniture and rugs. No needless extra washing of curtains. A Coleman Oil Floor Furnace actually saves the housewife lots of time and work.



MORE TIME FOR RECREATION! Ask any woman how many extra hours she must spend to keep her house clean when her home is heated by an old style, dirty-fuel heating plant. With a Coleman Oil Floor Furnace, she can save many hours of work every week. It tends itself and does away with muss and dirt—gives her time for rest and leisure.

These Engineered Features Make The OIL FLOOR FURNACE

Modern And Automatic With Low Cost Operation



● **Blue:** Cool Air Chamber.

● **Yellow:** Warm Air Chamber.

● **Red:** Combustion Chamber.

1. Lots of Heating Surface with large heating unit. More heat carried into the home as the air flows through the furnace and into the home—less heat loss up the chimney, lower fuel cost.

2. Big Heat Radiator Tube—adds to heating surface area; speeds up warm air flow; puts out more heat from fuel burned.

3. Long Flame Travel from burner around Heat Radiator tube—keeps burning gases in contact with heating surface longer. More heat units are absorbed by air to be carried into the home.

4. Heat Baffle retards the flow of burning gases through vent outlet—increases length of flame travel for extraction of more heat units. Increases efficiency.

5. Hinged Lid gives quick and easy access to combustion chamber for lighting and cleaning. Heat Baffle keeps lid cooler.

6. Improved Coleman Low Draft Burner with Low Flame Fuel Saver for low heat adjustment. Burner operates on remarkably low chimney draft. High efficiency in burning fuel means large heat output and low operating cost. (See Page 8.)

7. Streamlined Bottom, an exclusive Coleman feature, speeds up warm air flow as much as 35%. Gives better spread of air for washing heat units from hot metal surfaces. Heated air carries more warmth into the home. (See Page 7.)

8. Thermo-Safety Control. A big safety factor that automatically cuts off the flow of fuel to the burner if for any reason the furnace becomes overheated.

9. Fuel Connection handily located for easy connection or disconnection of fuel line at furnace.

10. Automatic Fuel Control Valve equipped with temperature limiting device and oil flow temperature compensator. Gives uniform flow of fuel to burner.

11. Double-Walled Inner Casing—separates and gives proper ratio of cold air section to hot air section. Live air insulation prevents overheating of cold air passages—insures free continuous flow of cool air into furnace and an always cool outer casing.

12. Heating Unit Removable for cleaning and servicing. Lifts out from top—no need to crawl under house. (See Page 7.)

13. Telescoping Flue Connection, rigidly attached—permits easy and quick release of combustion unit to remove for cleaning or service.

14. Valve Controls for regulating oil flow, fuel shut-off and setting of Thermo-Safety Control located for handy and easy operation.

15. Interlocking Joint of furnace bottom and outer casing gives a tight seal but is readily disengaged when unit is removed for servicing.

16. Removable Steel Register. (See Page 7.) Light, strong and durable with fine vertical mesh. 78% open—permits full, free flow of air.

17. Heavy Metal Construction throughout assures long life, and dependable service. Outer casing and inner walls made of heavy gauge metal which has been given special treatment to resist rust and corrosion.

18. Automatic Draft Regulator (See Page 8). Automatically corrects excessive draft, prevents heat loss up the chimney, saves fuel, lowers operating cost.

Exclusive Coleman Features That Produce Outstanding Heating Performance



EXCLUSIVE FURNACE-TYPE HEATING UNIT. This is an especially Coleman engineered heating unit, designed to get the most heat possible out of the fuel burned. Its remarkable heating performance has been tested and proved in thousands of Coleman Oil Floor Furnaces and in the famous Coleman Super Circulator Oil Heaters.

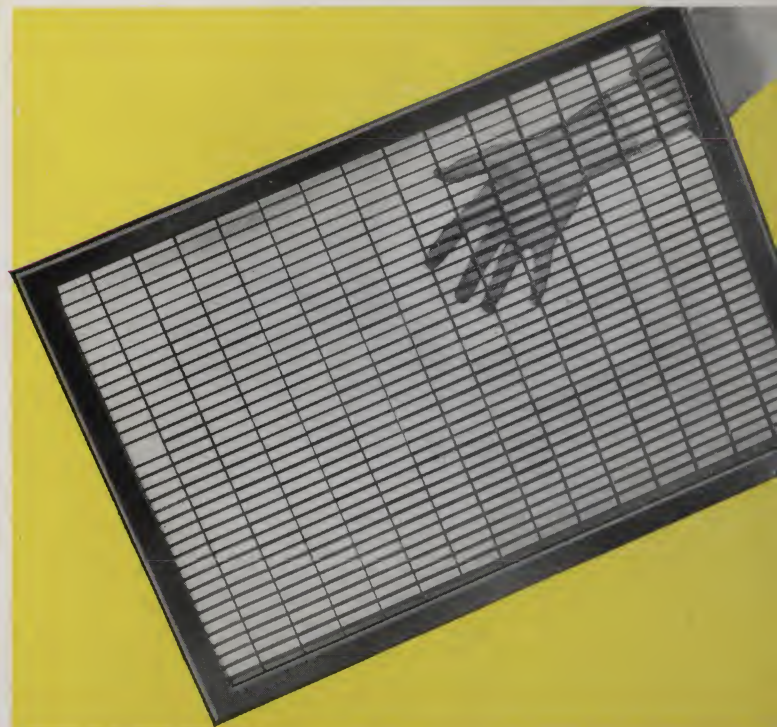
Coleman features are: Extra Large Heating Area, Hot Tube Radiator, Extra Long Flame Travel and Heat Baffle (See Items 1, 2, 3, 4 on Page 6). All combine to squeeze the maximum amount of heat out of the fuel. More heat goes into the home. You get more and better heating at a lower fuel cost.



HEATING UNIT REMOVABLE. The complete unit, including double inner walls, is lifted out from the top for any necessary adjustment or cleaning. No need to crawl under the house to clean the burner or adjust valves. All service work done easily and quickly by merely lifting out the heating unit. (See Item 12, Page 6.)

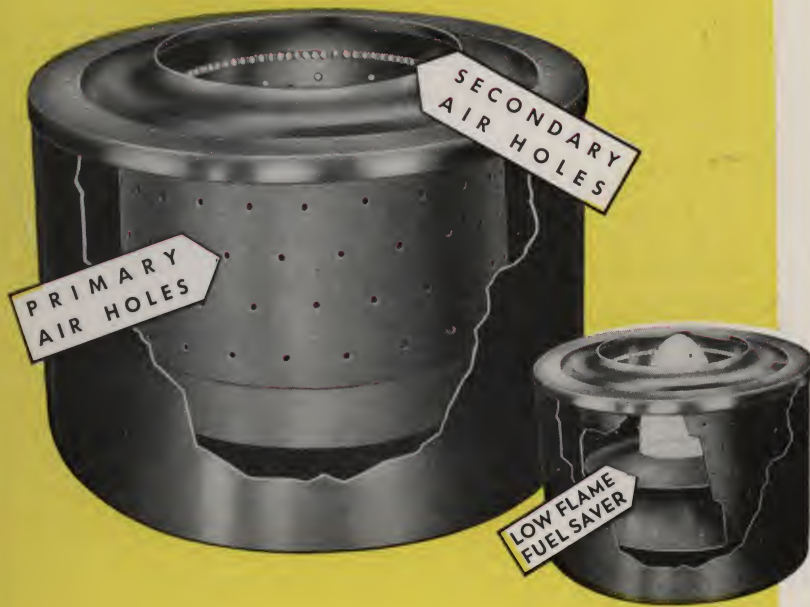


PATENTED STREAMLINED BOTTOM. Another EXCLUSIVE Coleman feature. It speeds up warm-air flow 35% over ordinary type furnaces. More warm air is circulated throughout the house. The air is kept moving from ceiling down to the floors. No other floor furnace has this Coleman feature. It helps provide real "WARM FLOORS." (See Item 7, Page 6.)



78% OPEN STEEL REGISTER. Lets warm air flow freely into the home; helps give the circulation needed for WARM FLOORS. The register is built like a steel bridge for strength and durability. The fine vertical mesh of the openings keeps narrow heels from slipping into them. Easily removed to give access to inside of furnace.

This Team Of Exclusive Coleman Features Gives Amazing Efficiency--Fuel Economy



Coleman Low Draft Burner

In the Coleman Low Draft Burner just the right number of holes is drilled in the side (the number varies according to the size of the burner) to admit just the right amount of air for complete, clean combustion. The holes in the side admit the primary air to mix with the vaporized oil to form a volatile gas. Then for complete combustion, there must be just the right amount of secondary air.

The holes that ring the upper edge of the burner are tipped at an angle of about 20° to direct upward the inflow of the secondary air in the right proportion for perfect combustion.

It Burns Clean—burns all the fuel. There is no excess carbon which “fouls” the burner and reduces heating capacity. This means no fuel waste—more heat used for heating—a lower fuel cost.

The Low Flame Fuel Saver is another important Coleman feature. It is a steel ring properly fitted inside the burner. It makes possible a low heat adjustment so that you can have just the warmth you want on those days when it is too cool for comfort but not cold enough for full heat.

Exclusive Coleman Draft Meter

Correct draft control increases heating efficiency, prevents heat waste, saves fuel.

The Coleman Automatic Draft Meter accurately controls chimney draft, regardless of height of chimney or outside weather conditions. It is the only draft control that gives this type of regulation. It was developed especially for use with the Coleman Low-Draft Oil Burner which is designed to operate on low draft to overcome bad chimney conditions.

In the summertime when low drafts prevail the Coleman Burner provides efficient operation because of its unusual low draft requirements.

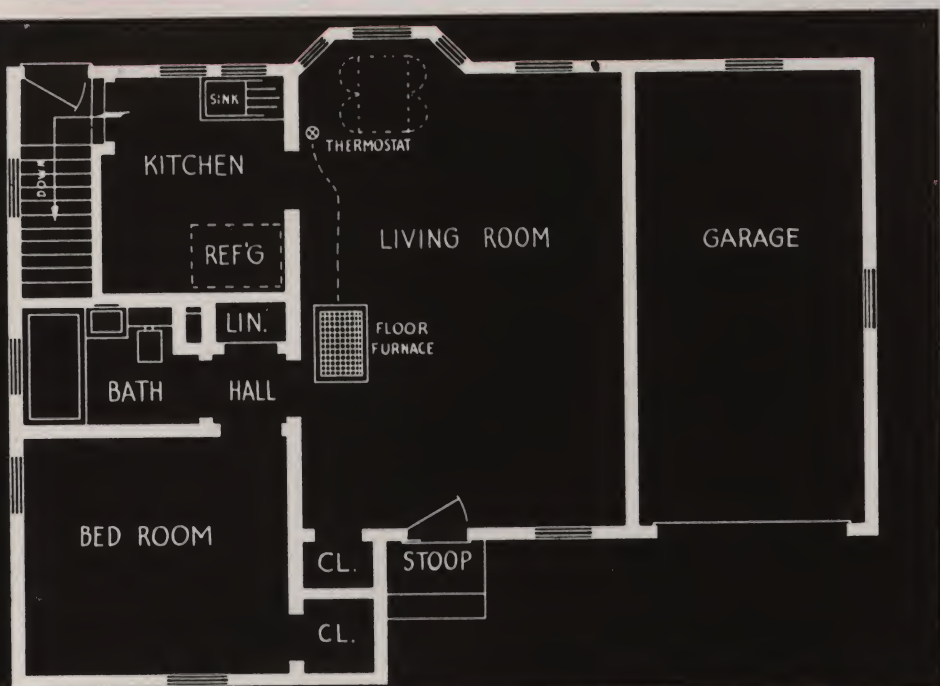
In the wintertime when high drafts prevail it works perfectly with the Coleman Automatic Draft Meter which accurately controls excess draft on the tallest chimney; this prevents excessive heat waste.

The Low-Draft Burner and the Automatic Draft Meter, two exclusive Coleman features, operate as a team to permit the best performance of the burner in producing the maximum amount of heat from the minimum amount of fuel.



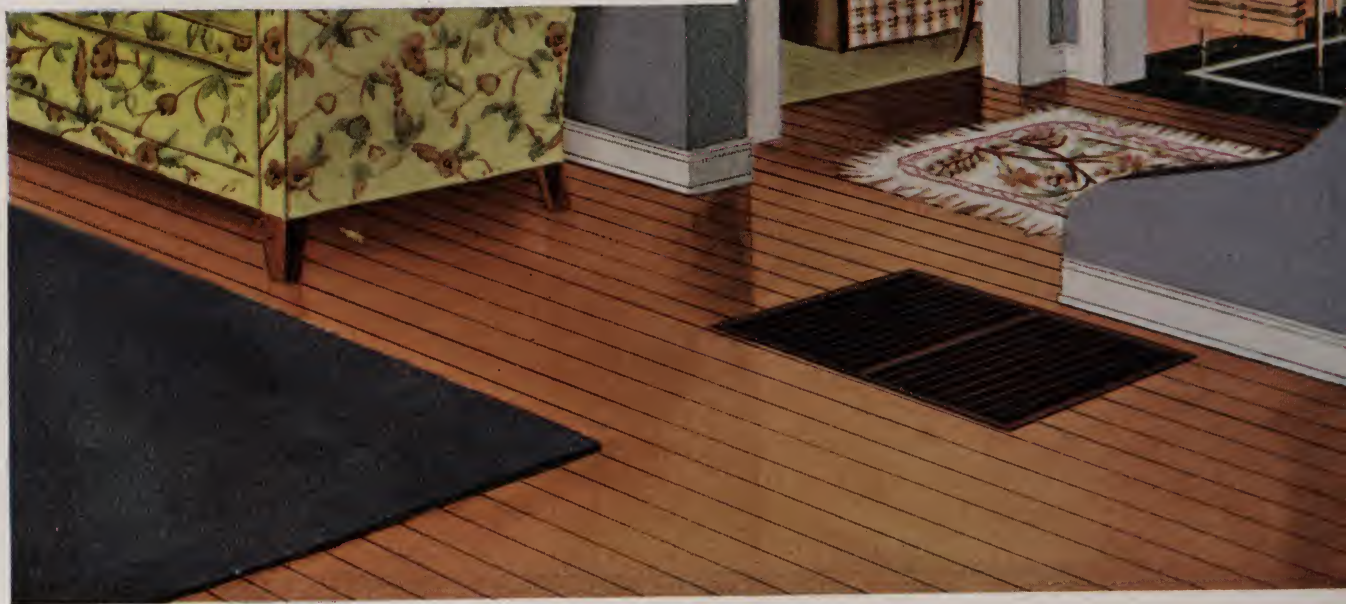
AUTOMATIC DRAFT METER No. 882-688

Ideal Heating-Service For The Average Small Home From One Coleman Oil Floor Furnace



HERE IS A PRACTICAL HOME FLOOR PLAN

—and here is shown the proper location of the Coleman Furnace for best heating service. For most small homes, a one-furnace installation will amply take care of all ordinary heating requirements.



Here's How Furnace Looks When Installed

This picture shows how to locate a Coleman Floor Furnace conveniently. As you can see, it can easily be located where it will handle a big volume of warm air circulation for several rooms, move the warm air to all corners, and get the warmth uniformly distributed to provide "Warm Floors" comfort.

If you are planning a NEW home, you can specify a Coleman Floor Furnace installation like this. Or if

you want to replace a "lazy" heating system in your PRESENT home, it is easy and inexpensive to install this "Warm Floors" heating. Either way there is no expensive duct work. You don't need a basement because the floor furnace fits any floor. You can even install your new Coleman Floor Furnace in the winter, and maybe you can keep your old heater going until your Coleman is ready to operate.

Multiple Installations Provide



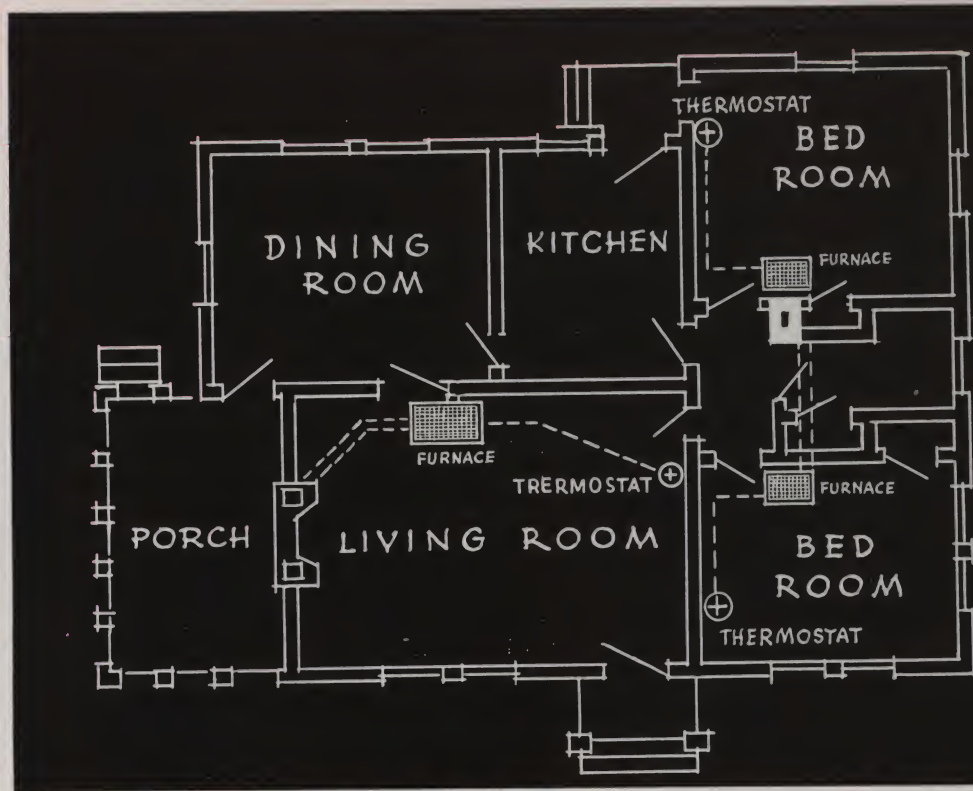
A Two-Furnace Installation Gives Top Comfort Here

For a home with the type of floor plan shown above, a two-furnace installation will give "Warm Floors" comfort all over the house. One furnace takes care of the combination living room-dining room and kitchen. The other heats the two bedrooms and bath. Each furnace operates independently so you can regulate warmth for the two different areas.

In daytime, just shut off the bedroom furnace when bedrooms aren't in use. At night you can have bedroom furnace on if desired to provide warm rooms when you get up. The furnace in the living room can be turned down till it's time to get breakfast.

In the picture above the cut-away walls show how the furnaces look when installed.

Area" Heating For Many Homes!



Here 3 Furnaces Give "Area" Heating Economy

The floor plan on this page is typical of the rambling type of house, with 6 or 8 rooms, all on one floor. Here again a multiple installation of Coleman Floor Furnaces can be adapted with satisfactory heating results. One 50,000 BTU furnace sends heat into both living and dining room. (Alternate installation: Move furnace under wall between living and dining room by

use of dual wall head. (See Page 13.) A 30,000 BTU model not only supplies warmth to each bedroom, but also may be used to furnish any needed warmth to kitchen and bath. You have the advantage of clean, automatic operation, plus greater heating flexibility with low-cost "area" heating. In the picture above, walls are cut away to show location of furnaces.

These Coleman Oil Floor Furnace Models In Single Or Multiple Installations Will Take Care Of Every Normal Home Heating Need

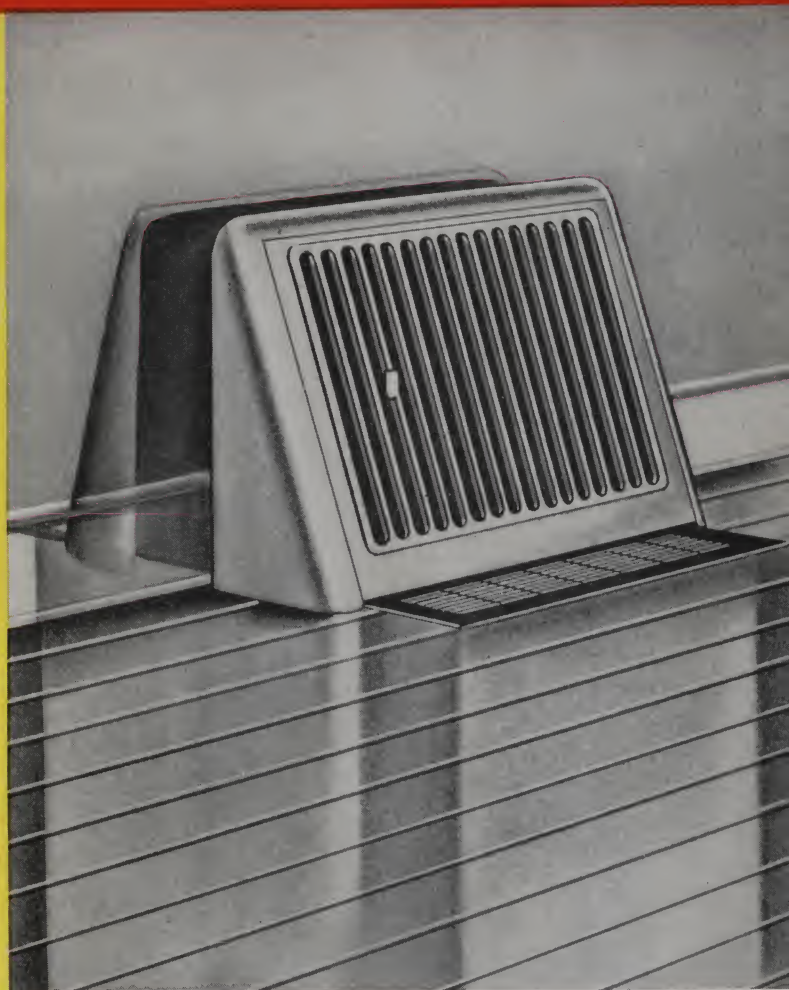


SPECIFICATIONS

	MODEL No. 886	MODEL No. 888
Heat output rating (BTU per hour).....	30,000	50,000
Length and width.....	26-3/16" x 18-3/16"	36-3/16" x 24-3/16"
Casing height.....	30-13/16"	31 5/8"
Overall size of register.....	28-3/16" x 20-3/16"	38-3/16" x 26-3/16"
Floor hole cutting dimension.....	26 1/2" x 18 1/2"	36 1/2" x 24 1/2"
Feed tube line to furnace.....	3/8"	3/8"
Feed line connector at furnace.....	1/4 I.P.S.	1/4 I.P.S.
Vent pipe size.....	6"	6"
Clearance from vent to floor level.....	20 1/2"	20 1/2"
Heating surface.....	2186 Sq. In.	2610 Sq. In.
Automatic controls	Optional	Optional
Coleman Automatic Draft Meter.....	Standard Equipment	Standard Equipment

Listed by Underwriters' Laboratories

With Dual Wall Heads, Furnace Fits Under Wall To Heat 2 Rooms At The Same Time



Sometimes it is desirable to have the same furnace heat two adjoining but separated rooms, or rooms with the connecting door closed.

In such cases the furnace may be fitted with the Coleman Dual Wall Head (listed by Underwriters' Laboratories) and installed beneath the dividing wall as indicated in the diagram above. The amount of

heat diverted into each room is regulated by adjusting the room registers.

Such an installation is especially suited for use between two bedrooms; a bedroom and hallway; or between two connecting rooms where it is desired to close one off occasionally; or where construction prevents proper air circulation for efficient heating.

DUAL WALL MODELS

The Coleman Oil Floor Furnace Dual Wall Models are the regular flat register models equipped with the Dual Wall Heads and with special registers to fit. Otherwise, the specifications are the same.

Model No. 886-DW

Wall Register: Length $24\frac{1}{4}$ "; height 14"; depth at bottom $5\frac{7}{8}$ ".

Floor Register: Length $20\frac{1}{4}$ "; width $6-11\frac{1}{16}$ ". Other specifications same as Model No. 886. See Page 12. See installation manual for wall cutting dimensions.

Model No. 888-DW

Wall Register: Length $30\frac{1}{4}$ "; height 14"; depth at bottom $6\frac{7}{8}$ ".

Floor Register: Length $26\frac{1}{4}$ "; width $10-11\frac{1}{16}$ ". Other specifications same as Model No. 888. See Page 12. See installation manual for wall cutting dimensions.

Now . . . Read Some Of The Experiences Of Home Owners

WHO HAVE ENJOYED THESE BENEFITS



"I Would Not Exchange It for Anything I Have Seen!" says a happy user in Greensboro, N. C. He continues: "I installed this Coleman Oil Floor Furnace October 1, 1945, and am delighted with its operation. It is everything you claim for it. I would recommend it for any house the size of mine." Floor plan, above, shows design of his house.



Recommends Coleman Oil Floor Furnace Without Reservation. Above photograph of the interior of a home in Lake Hayward, Conn., shows the location of the Coleman Oil Floor Furnace. The owner writes: "My Coleman Oil Floor Furnace is supplying my home quite adequately with warm, circulating air throughout all living rooms at an even temperature. I recommend this heating without reservation."

Highlights of 5 Typical Letters From Across America

"Here's what we think of the Coleman Oil Floor Furnace: My husband says he wouldn't part with it for \$500 if he couldn't replace it immediately. We have a 6-room house, well insulated. Our temperature downstairs is about 75° at zero outside and 72 to 75 at all times. All this heat without fuss, bother or soot for an average of 1c an hour. It gives splendid even heat, including the floors."—Deep River, Conn.

"I am writing to you out of a feeling of deep satisfaction and even of gratitude for the splendid construction of your oil-burning floor furnace. It works above all expectations. We located the furnace under the floor of the living room. Now this living room (12'x18') is warm; the dining room (10'x15') connected by an archway is warm also. The kitchen, connected by an open doorway, is warm. It is 12'x18' and has an adjoining small bathroom. The bedroom off the living room (18'x10') is also just as warm, if the doorway is left open. The heat from the floor furnace does not spoil our base-

ment for storage of vegetables, etc. We would be very happy to show the Coleman Oil Floor Furnace to our friends and neighbors."—Silverbrook Farm, Olivet, Michigan.

"In October, 1941, I installed in my home one of your oil floor furnaces and wish to say that it has been satisfactory in every respect, heating our home beautifully and at a very low cost. Our annual fuel consumption is between 500 and 550 gallons of oil per season."—Cheraw, S. C.

"In 1940 we installed one of your oil floor furnaces in our home, which is a plywood prefabricated house 24x36. The low cost of operation and the year-around heating comfort in a cold and changeable climate have been outstanding."—Fenton, Michigan.

"My Coleman Oil Floor Furnace is performing perfectly. It has exceeded my expectation regarding its ability to heat my home adequately. I am burning fuel oil and find it very economical."—Colchester, Conn.



"I Doubt If I Should Install Any Other System, even with ample basement," says this user in Rowayton, Conn., speaking of his Coleman Oil Floor Furnace. He adds: "I bought it for two reasons: First, it required little if any cellar; second, the name 'Coleman' meant considerable. The Coleman Oil Floor Furnace is simple, economical, and efficient—count on me for a booster."

Low Cost Accessories Fit Many Special Needs

AUTOMATIC ROTARY OILIFTER ➡

MODEL NO. 246—For use with Oil Floor Furnaces where the fuel is supplied from an outside container and where the use of a gravity feed is not possible. It is electrically operated and draws a constant supply of fuel quietly and efficiently from the supply tank to the burner. It is built of best quality materials, assembled and tested according to rigid specifications. Adjustments are factory set—need not be touched by installer or user.



◀ ARTIS VACUUM CAP

Its design makes down draft impossible. When wind strikes from any angle, a partial vacuum is created which relieves the chimney of gases generated by burning gas or oil. This gas is heavily laden with water and if allowed to remain in the chimney, it will cool and condense. Thus the use of the Artis Cap keeps the chimney dry; eliminates condensation. It increases the furnace efficiency, saves fuel, and helps to keep furnace burning clean.



AUTOMATIC ELECTRIC CONTROL ➡

No. 888-160 consists of Transformer with 28 feet of wire; Thermostat and Electric Unit to be installed in top of fuel control valve.

This installation automatically regulates heat; keeps constant and even temperature at which the thermostat is set.

A comfortable and healthful warmth is maintained without watching or adjusting. Prevents heat waste—saves on fuel.



45 YEARS OF "KNOW HOW"

For 45 years the Coleman Company has developed, manufactured and distributed home appliances for heating, lighting, cooking and ironing and which use petroleum products as fuel.

First, there were the famous Coleman Gasoline Pressure Lamps and Lanterns. Later, Coleman Gasoline Pressure Stoves, Irons, Burners, Heaters. And then Floor Furnaces and Oil Heaters were added. The Coleman Floor Furnace is the biggest selling floor furnace in America. Prewar the Coleman Oil Heater achieved such universal popularity and demand that it was an outstanding leader.

The Coleman Heating Equipment Line has now been expanded to include other heating appliances that use oil, gas and butane gas as fuel—a complete line of heating equipment that brings to homes everywhere the benefits of modern, automatic, healthful heat and "warm floors" comfort at low cost with clean, modern fuels.

In 1901 when Mr. W. C. Coleman founded this business, he established a policy which has been the guiding policy of this Company ever since: to make every Coleman Product the "Best of its Kind."

The new line of Coleman Oil Floor Furnaces shown in this catalog maintain the Coleman reputation of Quality Construction. They have built into them the latest engineered features and developments that provide clean modern home heating plus unusual economy of operation.

During the war Coleman made more than a million burners for the various military services: special oil burners for tent heaters; special gasoline burners for heating, cooking, sterilizing, and many other uses; and the amazing "G. I." Pocket Stove which successfully uses leaded gasoline as fuel. This "G. I." Stove represents the solution of a fuel and construction problem which had been previously considered impractical. The same earnest study, continuing research and Coleman engineering ingenuity that solved this problem is characterized by all the fine performance features found in every Coleman Product.

So back of each Coleman Furnace—each Coleman Product—is not only 45 years of "know how" engineering experience in development and construction, but also a policy that insures each Coleman user the best in performance and the most in service for his money.

That is why Coleman Products have gained such favorable world-wide reputation and universal use; why they are accepted as a standard of quality in all the civilized world; and why the Coleman Company has become the largest manufacturer of its kind in the world today. Millions upon millions of users want the new and latest improved Coleman Products because of past satisfactory experience, and other millions, too, want to enjoy the comfort and convenience that Coleman Products bring.



This is the Coleman Administration Building at Wichita, Kansas. Here is located the main Coleman Factory with more than 12 acres of floor space. It is the largest factory of its kind in the world. Another five-story factory is located at Toronto, Canada, to which additions have also recently been made.

The Coleman Company, Inc.

General Office and Factory: Wichita 1, Kansas

Sales Offices: Philadelphia (Terminal Commerce Bldg.) 8, Pa. • Los Angeles 54, Calif. • Chicago 11, Ill.

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